

**Flood Control Project Maintenance
Levee Inspections**

Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0554	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0554 Walnut Grove	U	1.13						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.03	0.39	1.59	141.24%				
Trim / Thin Trees		0.05	0.20	17.77%				
Encroachments					0.01			
Erosion / Bank Caving		0.02	0.08	7.11%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.10		0.10	8.88%				
DWR UCIP Field Study					0.14	0.06		
<i>LMA Totals:</i>	0.13	0.46	1.97	174.99%	0.15	0.06	0.00	0.00

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0554	U	1.13						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.03	0.39	1.59	141.24%				
Trim / Thin Trees		0.05	0.20	17.77%				
Encroachments					0.01			
Erosion / Bank Caving		0.02	0.08	7.11%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.10		0.10	8.88%				
DWR UCIP Field Study					0.14	0.06		
<i>Unit Totals:</i>	0.13	0.46	1.97	174.99%	0.15	0.06	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2016 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 0554 Walnut Grove

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	1.13
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/16/2016 - 3/16/2016		9/21/2016 - 9/21/2016	
DWR Inspector	Herman Phillips		Herman Phillips	
Accompanied By	Gilbert Labrie		Gilbert Labrie	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	3
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0554_01_f_2014_3				
Comment Code					
Inspector Comment					
The district is prepared to partner with neighboring Districts as in the past.					

No Photos

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0554_01_f_2014_35				
Comment Code					
Inspector Comment					
The district has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	36
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0554_01_f_2014_36				
Comment Code					
Inspector Comment					
The district shares with neighboring district, RD 551.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.02	Rating **	M	Issue No.	54
LM End	0.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.249553 °	38.249553 °
				-121.509954 °	-121.509954 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43726					
DS_ID:18976					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to verify status of crossing with town of Locke.					
FIELD_STRUCT_DESC: Waterline of unknown diameter through the					
levee at unknown depth. Likely a 1 or 2-inch galvanized iron pipe.					
Crosses levee just south of concrete block pumphouse on WS shoulder					
and terminates at well house off LS toe. Gatevalve next to corner of					
pumphouse off LS toe. Drawings depicting approximate location					
available in PN: 12944.					
FS Date: 3/4/2015 4:49:00 PM					

LM Start	0.02	Rating **	M	Issue No.	54 (cont)
LM End	0.02	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_43726_73282.jpg



Pumphouse off LS toe.

Photo 2 of 2 : UCIP_FA_2016_43726_73281.jpg



Pump over well inside pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.02	Rating **	U	Issue No.	55
LM End	0.02	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.249538 °	38.249538 °
				-121.509959 °	-121.509959 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50026 DS_ID:20915 EP_NO: 3360 Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 7/25/2016 Coordinated with District Engineer, Gilbert Labrie with DCC Engineering. He will investigate the pipe and coordinate with PG&E to find out additional information regarding the fate of the pipe. (DWR UCIP - omagana)3/04/2015 No markers found. Need to contact owner to determine status of crossing. Recommend having owner install markers per CVFPB Title 23 for active pressure line. Owner will need to coordinate with CVFPB. (DWR UCIP - omagana) FIELD_STRUCT_DESC: Gas line along and through the levee, 3.5 feet below the crown. (Permit No. 3360, 1962 - Pacific Gas and Electric Company [PG&E]) FS Date: 7/25/2016					

No Photos

LM Start	0.08	Rating **	U	Issue No.	44
LM End	0.08	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.248643 °	38.248643 °
				-121.509850 °	-121.509850 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42146					
DS_ID:20946					
EP_NO: 5607					
Repair Type: Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No markers. Valves abandoned on landward side--					
need to contact owner to determine status of crossing.					
FIELD_STRUCT_DESC: Abandoned three 4-inch steel petroleum pipes					
through the levee, 22.5 feet below the crown. Pipes placed in 8-inch					
pipe casing through the levee and plugged with concrete. Abandoned					
under Permit No. 5607 (1966).					
FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_FA_2016_42146_58463.jpg




Valves located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Fall 2016


Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

Photo 1 of 1 : FA_2016_RD0554_176_31_20160921_00052.jpg



Looking downstream waterside levee slope from levee mile 0.08-0.30.

Photo 1 of 1 : FA_2016_RD0554_176_10_20160921_00056.jpg



Looking downstream of the landside levee slope of RD 554.

Photo 1 of 1 : FA_2016_RD0554_176_11_20160926_00057.jpg



RD 554 Waterside levee slope looking downstream.

Thursday, December 08, 2016 11:24 **FINAL DATA** Page 4 of 24

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.26	Rating **	M	Issue No.	1
LM End	0.36	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.246222 °	38.245017 °
				-121.510878 °	-121.511740 °
DWR ID	DWR_RD0554_01_f_2016_1				
Comment Code					
Inspector Comment					
2009 - Tension cracks on road on top of levee. Erosion into the levee slope and mass failure. 2013 - Short vertical sections at bank toe. 2015: No observed changes. [2015 Site ID: SAC_27-0_L]					

Photo 1 of 2 : FA_2016_RD0554_176_1_20160919_00001.jpg



USACE 2013 Photo #1

LM Start	0.26	Rating **	M	Issue No.	1 (cont)
LM End	0.36	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2016_RD0554_176_1_20160919_00002.jpg



USACE 2013 Photo #2

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.27	Rating **	M	Issue No.	37
LM End	0.27	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.246093 °	38.246093 °
				-121.510731 °	-121.510731 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32018					
DS_ID:20897					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to determine status of crossing--was crossing removed during erosion repair site in 2007-2009? Need to coordinate with LMA or owner to obtain additional information about crossing.					
FIELD_STRUCT_DESC: *ABANDONED* 6-inch pipe through the levee, 1.0-foot below the crown. Concrete pump pad on the waterward slope.					
O+M manual entry at RM 27.00, 1959.					
FS Date: 3/12/2014					

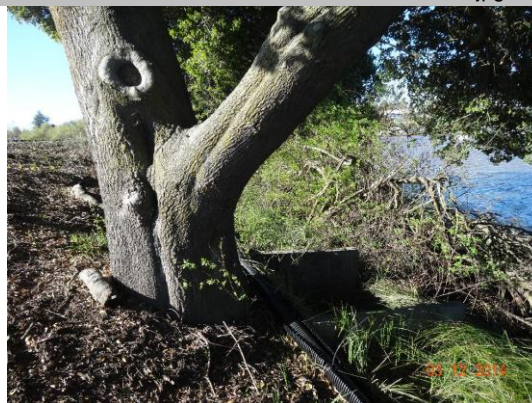
Photo 1 of 2 : UCIP_FA_2016_32018_58469.jpg



Concrete U wall located on waterward side.

LM Start	0.27	Rating **	M	Issue No.	37 (cont)
LM End	0.27	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2016_32018_58468.jpg



Concrete vault located on waterward side. Site is a erosion repair site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.30	Rating **	M	Issue No.	32
LM End	0.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245665 °	38.245297 °
				-121.511037 °	-121.511300 °
DWR ID	DWR_RD0554_01_f_2016_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control the wild grassed along the waterside slope.					

No Photos

LM Start	0.32	Rating **	U	Issue No.	13
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.245389 °	38.245389 °
				-121.511085 °	-121.511085 °
DWR ID	DWR_RD0554_01_s_2014_13				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
This erosion isn't repaired to date. Needs repairing.					

Photo 1 of 2 : FA_2016_RD0554_176_13_20160919_00004.jpg



This erosion along the landside levee slope is not new, it was reported two years ago.

LM Start	0.32	Rating **	U	Issue No.	13 (cont)
LM End	0.32	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2016_RD0554_176_13_20160926_00058.jpg



This erosion site along the landside slope levee 0.32 has been reported and has not been repaired.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.33	Rating **	U	Issue No.	41
LM End	0.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245295 °	38.245295 °
				-121.511274 °	-121.511274 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42143 DS_ID:20922 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Unable to confirm if crossings are still active or if they cross levee. FIELD_STRUCT_DESC: 1 of 3: 3-inch steel fuel line through the levee, 2.7 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 27.20). FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_FA_2016_42143_60800.jpg



Tank found on landward side.

LM Start	0.33	Rating **	U	Issue No.	42
LM End	0.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245295 °	38.245295 °
				-121.511274 °	-121.511274 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42144 DS_ID:20932 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: No markers found. Need to contact owner to determine status of crossing. Unable to confirm if crossings are still active or if they cross levee. FIELD_STRUCT_DESC: 2 of 3: 3-inch steel fuel line through the levee, 2.7 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 27.20). FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_FA_2016_42144_60801.jpg



Fuel tank located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.33	Rating **	U	Issue No.	43
LM End	0.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245295 °	38.245295 °
				-121.511274 °	-121.511274 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42145					
DS_ID:20933					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No markers. Need to contact owner to determine status of crossing. Unable to confirm if crossings are still active or if they cross levee.					
FIELD_STRUCT_DESC: 3 of 3: 3-inch steel fuel line through the levee, 2.7 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 27.20).					
FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_FA_2016_42145_60802.jpg



Fuel tank located on landward side.

LM Start	0.35	Rating **	M	Issue No.	51
LM End	0.35	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245038 °	38.245038 °
				-121.511473 °	-121.511473 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43694					
DS_ID:20899					
EP_NO: 5429					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Signs of open cut along crossing--no markers visible on waterward or landward side. Large across channel on right bank berm indicating cable through levee.					
FIELD_STRUCT_DESC: Four 4-inch iron conduits through the levee, at various depths below the crown (3.0-4.9 feet). Each conduit encases a shielded telephone cable. Concrete cutoff wall around pipes on landward levee shoulder. Riser pole off the landward levee toe. (Permit No. 5429-1967) Replacement telephone conduits were pulled through iron conduits under Permit No. 13417 (1983).					
FS Date: 3/4/2015					

Photo 1 of 2 : UCIP_FA_2016_43694_58063.jpg



Signs for conduits visible on right bank across channel. Conduits cross left bank, channel, and right bank.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.35	Rating **	M	Issue No.	51 (cont)	
LM End	0.35	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.245038 °	38.245038 °	
				-121.511473 °	-121.511473 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:43694						
DS_ID:20899						
EP_NO: 5429						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Signs of open cut along crossing--no markers visible on waterward or landward side. Large across channel on right bank berm indicating cable through levee.						
FIELD_STRUCT_DESC: Four 4-inch iron conduits through the levee, at various depths below the crown (3.0-4.9 feet). Each conduit encases a shielded telephone cable. Concrete cutoff wall around pipes on landward levee shoulder. Riser pole off the landward levee toe. (Permit No. 5429-1967) Replacement telephone conduits were pulled through iron conduits under Permit No. 13417 (1983).						
FS Date: 3/4/2015						

Photo 2 of 2 : UCIP_FA_2016_43694_73221.jpg



View of waterside from landside shoulder. Cuts in pavement indicate presence of pipe trench across levee.

LM Start	0.36	Rating **	A/W	Issue No.	15
LM End	0.37	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244872 °	38.244833 °
				-121.511600 °	-121.511673 °
DWR ID	DWR_RD0554_01_s_2014_15				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Veg. Site.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.52	Rating **	M	Issue No.	45
LM End	0.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.243057 °	38.243057 °
				-121.513236 °	-121.513236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43734 DS_ID:20901 EP_NO: 11155 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple crossings at same location--unable to confirm if crossing matches details under permit 11155. Need to contact owner to obtain additional information about crossing status. FIELD_STRUCT_DESC: 1 of 3: 6-inch pipe through the levee, 5.5 feet below the crown. Pipe retained under ABO No. 11155 (1975). Pipe originally included in O+M manual, 1959, at RM 26.75. Fire hydrant on WS shoulder and valve in cut visible in roadway. Electrical utility box on LS shoulder. Electrical lines visible on WS at ramp. FS Date: 3/12/2014					

LM Start	0.52	Rating **	M	Issue No.	45 (cont)
LM End	0.52	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_43734_58085.jpg



Multiple lines through levee crown visible on waterward shoulder.

Photo 2 of 2 : UCIP_FA_2016_43734_58083.jpg



Lines visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.52	Rating **	M	Issue No.	47
LM End	0.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.243057 °	38.243057 °
				-121.513236 °	-121.513236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43735 DS_ID:20937 EP_NO: 11155 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple crossings at same location--unable to confirm if crossing matches details under permit 11155. Need to contact owner to obtain additional information about crossing status. FIELD_STRUCT_DESC: 2 of 3: 6-inch pipe through the levee, 5.5 feet below the crown. Pipe retained under ABO No. 11155 (1975).Pipe originally included in O+M manual, 1959, at RM 26.75. Fire hydrant on WS shoulder and valve in cut visible in roadway. Electrical utility box on LS shoulder. Electrical lines visible on WS at ramp. FS Date: 3/5/2015					

LM Start	0.52	Rating **	M	Issue No.	47 (cont)
LM End	0.52	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_43735_58097.jpg



Multiple crossing visible on waterward shoulder.

Photo 2 of 2 : UCIP_FA_2016_43735_58095.jpg



Crossings visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.52	Rating **	M	Issue No.	48
LM End	0.52	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.243057 °	38.243057 °
				-121.513236 °	-121.513236 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43736 DS_ID:20938 EP_NO: 11155 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Multiple crossings at same location--unable to confirm if crossing matches details under permit 11155. Need to contact owner to obtain additional information about crossing status. FIELD_STRUCT_DESC: 3 of 3: 6-inch pipe through the levee, 10.5 feet below the crown. Pipe retained under ABO No. 11155 (1975).Pipe originally included in O+M manual, 1959, at RM 26.75. Fire hydrant on WS shoulder and valve in cut visible in roadway. Electrical utility box on LS shoulder. Electrical lines visible on WS at ramp. FS Date: 3/5/2015					

LM Start	0.52	Rating **	M	Issue No.	48 (cont)
LM End	0.52	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_43736_58091.jpg



View of multiple crossings through levee.

Photo 2 of 2 : UCIP_FA_2016_43736_58089.jpg



Crossings visible on waterward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.60	Rating **	M	Issue No.	38
LM End	0.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.242101 °	38.242101 °
				-121.514086 °	-121.514086 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32020					
DS_ID:20912					
EP_NO: 11154					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to confirm if this pipe section is the same one listed under 11154. Need to contact owner to determine status and obtain additional information about crossing.					
FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe through the levee, 9.8 feet below the crown. Pump on LS toe. Included in O+M manual at RM 26.66. Pipe retained under ABO No. 11154 (1975).					
FS Date: 3/12/2014					

Photo 1 of 1 : UCIP_FA_2016_32020_58473.jpg



Steel pipe filled with concrete visible on landward shoulder.

LM Start	0.64	Rating **	M	Issue No.	53
LM End	0.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.241550°	38.241550°
				-121.514535°	-121.514535°
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43805 DS_ID:25080 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit found. Further investigation required. FIELD_STRUCT_DESC: 4-inch Cast iron Sewer pipe through the levee at an unknown depth. Pipe visible on bridge. Sewer cleanout on WS shoulder and cut in pavement visible in roadway. (Permit No. 870, 1941) FS Date: 3/5/2015					

Photo 1 of 2 : UCIP_FA_2016_43805_73320.jpg



Sewer cleanout on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.64	Rating **	M	Issue No.	53 (cont)
LM End	0.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.241550 °	38.241550 °
				-121.514535 °	-121.514535 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43805 DS_ID:25080 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit found. Further investigation required. FIELD_STRUCT_DESC: 4-inch Cast iron Sewer pipe through the levee at an unknown depth. Pipe visible on bridge. Sewer cleanout on WS shoulder and cut in pavement visible in roadway. (Permit No. 870, 1941) FS Date: 3/5/2015					

Photo 2 of 2 : UCIP_FA_2016_43805_73321.jpg



Pipe visible at bridge on WS shoulder.

LM Start	0.65	Rating **	A/W	Issue No.	4
LM End	0.82	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.241503 °	38.239527 °
				-121.514579 °	-121.516441 °
DWR ID	DWR_RD0554_01_s_2012_4				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					
Revegetation site.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 0554 Walnut Grove

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	39
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238595 °	38.238595 °
				-121.516945 °	-121.516945 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32021 DS_ID:20941 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm how many sewer lines cross levee. Desk study shows 2 crossings 4-inch not 6 inch. Need to contact owner to confirm status of crossing. FIELD_STRUCT_DESC: 1 of 2: 4-inch clay sewer pipe through the levee, 10.2 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 26.50). FS Date: 3/12/2014 2:06:00 PM					

Photo 1 of 2 : UCIP_FA_2016_32021_58475.jpg



Underground service alert (USA) markers confirming sewer line.

LM Start	0.89	Rating **	M	Issue No.	39 (cont)
LM End	0.89	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_FA_2016_32021_58474.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	40
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238595 °	38.238595 °
				-121.516945 °	-121.516945 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:32022 DS_ID:20942 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm how many sewer lines cross levee. Desk study shows 2 crossings 4-inch not 6 inch. Need to contact owner to confirm status of crossing. FIELD_STRUCT_DESC: 2 of 2: 4-inch clay sewer pipe through the levee, 10.2 feet below the crown. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 26.50). FS Date: 3/12/2014					

LM Start	0.89	Rating **	M	Issue No.	40 (cont)
LM End	0.89	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_32022_58480.jpg



Underground service alert (USA) marker on waterward shoulder for sewer line.

Photo 2 of 2 : UCIP_FA_2016_32022_58479.jpg



View of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.89	Rating **	M	Issue No.	52
LM End	0.89	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238510 °	38.238510 °
				-121.516948 °	-121.516948 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:43804
DS_ID:25081
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: No permit identified for crossing. Further investigation required.
FIELD_STRUCT_DESC: 6-inch Sewer pipe through the levee at an unknown depth. USAA markings on pavement indicate crossing at center of ramp on LS slope.
FS Date: 3/5/2015

LM Start	0.89	Rating **	M	Issue No.	52 (cont)
LM End	0.89	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_43804_73323.jpg



USAA SS marking on LS shoulder.

Photo 2 of 2 : UCIP_FA_2016_43804_73324.jpg



USAA SS marking on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.92	Rating **	U	Issue No.	56
LM End	0.92	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.238126 °	38.238126 °
				-121.516908 °	-121.516908 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:50027
DS_ID:20943
EP_NO: 2321
Repair Type: Urgent
Crossing Status: Indicator Found
UCIP Comments: 7/25/2016 Coordinated with District Engineer, Gilbert Labrie with DCC Engineering. He will coordinate with owner. (DWR UCIP - omagana)3/05/2015 Pipe leak at landside toe 23-ft upstream from pumphouse on LS toe. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 1.0-inch steel domestic water pipe through the levee, 1.5 feet below the crown. Shut off valve on the waterside (WS) and at the pumphouse downstream 170 feet on landside (LS) toe. Pump in pumphouse on LS toe. An additional 1.5-inch galvanized iron drinking water pipe runs from pumphouse along LS toe parallel to levee. (Permit No. 2321, 1957 - Clara B. Salisbury).
FS Date: 7/25/2016

LM Start	0.92	Rating **	U	Issue No.	56 (cont)
LM End	0.92	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_50027_73243.jpg



Pressurized tank, meter and pump in pumphouse on LS toe.

Photo 2 of 2 : UCIP_FA_2016_50027_73244.jpg



A 1-inch and a 1.5-inch galvanized iron drinking water pipe with shutoff valves at pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	0.99	Rating **	M	Issue No.	6
LM End	0.99	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.237108 °	38.237108 °
				-121.516743 °	-121.516743 °
DWR ID	DWR_RD0554_01_s_2012_6				
Comment Code					
BU : Building					
Inspector Comment					

No Photos

LM Start	1.01	Rating **	U	Issue No.	34
LM End	1.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.236843 °	38.235820 °
				-121.516798 °	-121.517012 °
DWR ID	DWR_RD0554_01_f_2016_34				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Tall grasses, weeds, brush or other vegetation completely block visibility of levee section.					

Photo 1 of 1 : FA_2016_RD0554_176_34_20160921_00055.jpg



Looking downstream from levee mile 1.01-1.08 waterside slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	1.09	Rating **	M	Issue No.	46
LM End	1.09	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235743 °	38.235743 °
				-121.517032 °	-121.517032 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43810 DS_ID:25083 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. Further investigation required. FIELD_STRUCT_DESC: Two 1-inch conduits through the levee 1-foot below the crown. Valves appear to be installed on LS shoulder. Dock on WS slope. FS Date: 3/5/2015					

Photo 1 of 2 : UCIP_FA_2016_43810_73328.jpg



Pipes visible at LS shoulder next to driveway.

LM Start	1.09	Rating **	M	Issue No.	46 (cont)
LM End	1.09	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_FA_2016_43810_73329.jpg



Pipes and valves visible on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	1.11	Rating **	M	Issue No.	49
LM End	1.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235429 °	38.235429 °
				-121.517169 °	-121.517169 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43747 DS_ID:20930 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe should be abandoned properly. Pipe was visible just upstream of other pipe that was exposed for repair on WS slope. FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through the levee, 3.7-feet below the crown. Pump on waterward side. (USACE-1959). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (RM 26.10). Pipe buried/abandoned in place. FS Date: 3/5/2015					

Photo 1 of 1 : UCIP_FA_2016_43747_73286.jpg



Abandoned pipe was exposed on WS slope when a trench was opened to repair the other 8-inch pipe at the site.

LM Start	1.11	Rating **	M	Issue No.	50
LM End	1.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235422 °	38.235422 °
				-121.517172 °	-121.517172 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43748					
DS_ID:20911					
EP_NO: 5023					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe in open trench on WS slope and exposed on LS shoulder. Pipe repair on WS may indicate problem with pipe. Pipe missing air releif valve on LS shoulder. Distribution box on LS toe abandoned.					
FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.4 feet below the crown. Cutoff wall around center of pipe. Air-relief valve on landward levee shoulder. Pump on waterward slope. Concrete distribution box on LS toe (Permit No. 5023-1965).					
FS Date: 3/5/2015					

Photo 1 of 2 : UCIP_FA_2016_43748_73289.jpg



Pipe in open trench on WS slope. Repair patch on pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 0554 Walnut Grove

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	1.13	09/21/2016 09/21/2016	Herman Phillips

LM Start	1.11	Rating **	M	Issue No.	50 (cont)
LM End	1.11	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.235422 °	38.235422 °
				-121.517172 °	-121.517172 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43748 DS_ID:20911 EP_NO: 5023 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe in open trench on WS slope and exposed on LS shoulder. Pipe repair on WS may indicate problem with pipe. Pipe missing air releif valve on LS shoulder. Distribution box on LS toe abandoned. FIELD_STRUCT_DESC: 8-inch steel pipe through the levee, 2.4 feet below the crown. Cutoff wall around center of pipe. Air-relief valve on landward levee shoulder. Pump on waterward slope. Concrete distribution box on LS toe (Permit No. 5023-1965). FS Date: 3/5/2015					

Photo 2 of 2 : UCIP_FA_2016_43748_73288.jpg



Pipe exposed on WS slope. pump, shutoff valve, and meter on pole on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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